

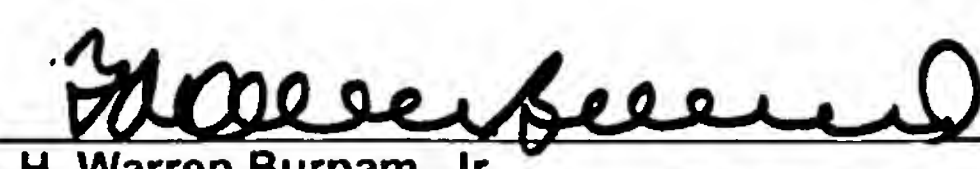
FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>900-558</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  <b>10/586,648</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2005/000604</b>	INTERNATIONAL FILING DATE <b>19 January 2005</b>	PRIORITY DATE CLAIMED <b>20 January 2004</b>
TITLE OF INVENTION  <b>DYE-SENSITIZED SOLAR CELL MODULE</b>		
APPLICANT(S) FOR DO/EO/US  <b>YAMANAKA ET AL.</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The U.S. has been elected (Article 31).
- A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))
  - ☐ is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings,        page Certificate of Translation).
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  - ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 To 20 below concern document(s) or information included:**

- ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- ☐ A FIRST preliminary amendment.
  - ☐ A SECOND or SUBSEQUENT preliminary amendment.
- ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
- ☐ A substitute specification.
- ☐ A change of power of attorney and/or address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information. Notice of Missing Requirements; English trans. of the Intl'l. Pre. Report on Patentability

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/586,648</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2005/000604</b>		ATTORNEY'S DOCKET NUMBER <b>900-558</b>	
<input checked="" type="checkbox"/> The following fees are submitted:					
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
21. <input type="checkbox"/>	Basic national fee .....	\$310.00 (1631)/\$155.00 (2631)	\$		
22. <input type="checkbox"/>	Examination Fee .....	\$0 (1643/2643)	\$		
		\$210.00 (1633)/\$105.00 (2633)	\$		
23. <input type="checkbox"/>	Search Fee .....	\$0 (1640/2640)			
		\$100 (1641)/\$50 (2641)			
		\$410 (1642)/\$205 (2642)			
		\$510.00 (1632)/\$255.00 (2632)	\$		
<b>TOTAL OF ABOVE CALCULATIONS</b>			\$	0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$260 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
84 -100	0 /50 =	0.00			
			\$0.00 (1681)	\$	
			\$0.00 (2681)		
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
CLAIMS	NUMBER FILED	# EXTRA	RATE		
Total Claims	30 minus 30 =	0 X	\$50.00 (1615)/	\$25.00 (2615)	\$
Independent Claims	1 minus 3 =	0 X	\$210.00 (1614)	\$105.00 (2614)	\$
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$370.00 (1616)/\$185.00 (2616)		
			\$	0.00	
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$460.00 (1252)/\$230.00 (2252); Three Month Extensions \$1050.00 (1253)/\$525.00 (2253); Four Month Extensions \$1640.00 (1254)/\$820.00 (2254)			\$	0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>					
			\$	0.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property					
			\$	40.00	
Fee for Petition to Revive Unintentionally Abandoned Application; \$1540.00 (1453) / \$770.00 (2453)					
			\$	0.00	
<b>TOTAL FEES ENCLOSED =</b>					
			\$	40.00	
Amount to be refunded:					
Amount to be Charged:					
U.S. Application No.10/586,648; Atty Docket No.900-558					
a. <input checked="" type="checkbox"/> A check in the amount of \$40.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.					
d. <input type="checkbox"/> CREDIT CARD PAYMENT FORM ATTACHED.					
e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/JP2005/000604 and any U.S. and foreign application(s) corresponding thereto, and 2004-011915 and 2004-120530, referred to in this application is/are hereby incorporated by reference in this application.					
<b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b>					
<b>CORRESPONDENCE ADDRESS</b>					
Direct all correspondence to:					
<input checked="" type="checkbox"/> Customer Number: <span style="border: 1px solid black; padding: 2px 20px;">23117</span>					
Type Customer Number here					
 H. Warren Burnam, Jr. NAME 29,366 December 14, 2007 REGISTRATION NUMBER Date					
Telephone: (703) 816-4000 HWB:lsb					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/586,648	Ryohuske Yamanaka	900-558 <i>HWB</i>

23117  
NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

INTERNATIONAL APPLICATION NO.	
PCT/JP05/00604	
I.A. FILING DATE	PRIORITY DATE
01/19/2005	01/20/2004

CONFIRMATION NO. 7723  
371 FORMALITIES LETTER



Date Mailed: 12/04/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- Priority Document
- Copy of the International Application filed on 07/19/2006
- English Translation of the IA filed on 07/19/2006
- Copy of the International Search Report filed on 07/19/2006
- Preliminary Amendments filed on 07/19/2006
- Information Disclosure Statements filed on 07/19/2006
- Request for Immediate Examination filed on 07/19/2006
- U.S. Basic National Fees filed on 07/19/2006

DOCKETED  
CLT/MATTER # 900-558  
MAIL DATE 12-4-2007  
DUE DATE Feb. 4, 2008  
FINAL DEADLINE July 4, 2008  
DOCKETED BY LMS/BJ

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

SHELBY J VIGIL

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Telephone: (703) 308-9140 EXT 224